

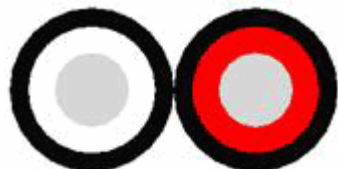
## DESCRIPTION

6mm<sup>2</sup> Two Cores Tinned Copper Non-Halogen TÜV 1000V

## STANDARDS

IEC 60228, IEC 60332-1-2, IEC 60754, IEC 60811-2-1, IEC 61034, IEC 61215  
TÜV 2PFG 1169  
ROHS 2011/65/EU

## CABLE CONSTRUCTION



Conductor	Stranded Tinned Copper
Size	6mm <sup>2</sup>
Stranding	78/0.30
Diameter	3.0mm
Insulation	XLPE
Nom. Thickness	0.62mm
Color	White-Red
Jacket	XLPE
Nom. Thickness	0.62mm
Color	Black-Black
Diameter	5.53*11.3±0.5mm

## ELECTRICAL CHARACTERISTICS (at +20°C)

Voltage Rating	
AC	U0/U:0.6/1kV
DC	U : Max.1.8kV
Insulation Resistance	≥1000 MΩ.km
Spark test	10000 V
Voltage Withstand	6500 V
Conductor DC Resistance	≤ 3.39 Ω/km

## OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 8 X O.D.
Static	≥ 6 X O.D.
Flammability	IEC 60332-1-2
Working temperature	-40°C ~ 90°C
Max. temperature at conductor	120°C

## PRINT LEGEND

△ BYSON ELECTRONICS TÜV 2PFG 1169 6mm<sup>2</sup> PV1-F WIRE ROHS & LSZH

## HISTORY

Jun. 4, 2012	First issue	Draft
Oct. 15, 2012	Optimized file	V0
Jun. 2, 2013	Optimized file	V1
Jan.14, 2015	Optimized file	V2
Apr. 27, 2016	Optimized file	V3